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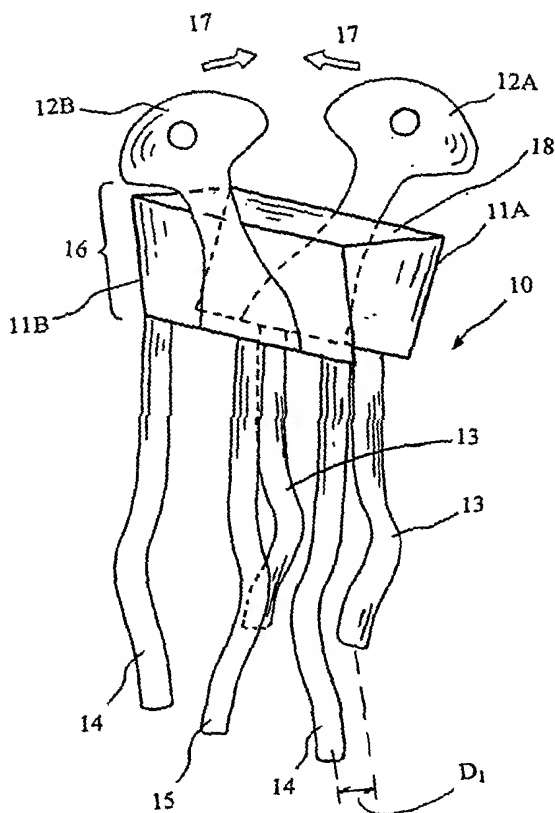
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[Continued on next page]

(54) Title: AORTIC VALVE IMPLANTATION DEVICE



(57) Abstract: This invention discloses a miniclip (10) apparatus for releasably stabilizing a leaflet (25) onto an aortic artery wall (22) during aortic valve implantation comprising a clip base (18) having a first clip member (11A) consisting of a plurality of first prongs (13) and an opposite second clip member (11B) consisting of a plurality of second prongs (14), wherein the first prongs and the second prongs are sized and configured for releasably clipping and stabilizing the leaflet in conjunction with the aortic artery wall; and an actuator assembly (12) operable using one hand located at the clip base, wherein the first clip member moves away from the second clip member when the actuator assembly is activated.



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**A. CLASSIFICATION OF SUBJECT MATTER**

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US CL : 606/151, 157, 158

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 606/151, 157, 158; 24/411, 521

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EAST 24/411, 521**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 4,660,558 A (KEES, JR.) 28 April 1987 (28.04.1987), coulumn 1, lines 22-40.       | 1-9                   |
| A          | US 5,201,880 A (WRIGHT et al) 13 April 1993 (13.04.1993), Abstract of the Disclosure | 10-20                 |
| X          | US 1,946,561 A (WIDERMAN) 13 February 1934 (13.02.1934), see entire document.        | 1-5                   |

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